

WATER SOLUBLE THERMOSETTING POLYESTER RESIN COMPOSITION AND  
METHOD OF PREPARING THE SAME

ABSTRACT OF THE DISCLOSURE

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A water soluble thermosetting polyester resin composition for undercoating a PCM steel sheet is prepared from about 100 parts by weight of thermosetting polyester resin obtained by condensing polyethylene terephthalate using glycol and polybasic acid, about 5-20 parts by weight of anhydrous polybasic acid and amine. A paint composition prepared using thus prepared resin composition is applicable for undercoating PCM steel sheet for both of home appliances and construction materials. In addition, an organic solvent included in the conventional oily paint composition can be excluded to minimize an environmental contamination, a dangerous factor of initiating fire and a bodily harm on human. Further, a paint composition having advantageous processibility, chemical resistance, solvent resistance, adhesion and scratch resistance may be prepared.